

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| S15 | 22 | S13 and storage and control\$3 | USPAT; DERWENT | OR | ON | 2007/08/31 12:29 |
| S25 | 5074 | CCD and (photoelectric\$4 or spectrometer) and storage and control\$4 | USPAT; DERWENT | OR | ON | 2007/09/04 08:18 |
| S26 | 4335 | CCD and (convert\$4 and (control\$4 with shutter)) | USPAT; DERWENT | OR | ON | 2007/09/04 08:15 |
| S38 | 8 | S37 and (transfer with sequential\$4) | USPAT; DERWENT | OR | ON | 2007/09/04 08:18 |
| S52 | 28 | ("4148065" "4314281" "4448526" "4598997" "4648053" "4652125" "4659220" "4691365" "4692690" "4701784" "4703442" "4707734").PN. OR ("4933983").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 10:07 |
| S55 | 837 | 250/459.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 12:52 |
| S64 | 903 | (specimen\$4 or sample) and convert\$4 and (control same (shutter with signal)) and time | USPAT; DERWENT | OR | ON | 2007/09/04 08:15 |
| S12 7 | 265 | CCD and (controller same (shutter with signal) and (transfer with signal)) | USPAT; DERWENT | OR | ON | 2007/08/17 11:08 |
| S12 8 | 4 | S127 and fluorescence | USPAT; DERWENT | OR | ON | 2007/08/17 11:07 |
| S12 9 | 2 | S127 and fluorescence and (specimen) | USPAT; DERWENT | OR | ON | 2007/08/17 11:07 |
| S13 0 | 0 | S127 and 250/484.2.ccls. | USPAT; DERWENT | OR | ON | 2007/08/17 11:08 |
| S13 1 | 19 | S127 and "250".\$ccls. | USPAT; DERWENT | OR | ON | 2007/08/17 11:09 |
| S13 2 | 2 | ("4471228").PN. | USPAT; DERWENT | OR | ON | 2007/08/17 11:09 |
| S13 3 | 48 | ("3934161" "3944816" "4338514" "4340819").PN. OR ("4471228").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:11 |
| S13 4 | 4 | ("4471228" "5821547" "6590611" "7154599").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:11 |

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|----------|-------|--|------------------------------|----|----|------------------|
| S13 5 | 6 | ("5194916" "5323010" "6157037" "6207961" "6825927" "7084409").PN. OR ("7154599").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:12 |
| S13 6 | 22 | ("4804850" "5210015" "5315993" "5928907" "5994056" "6015534" "6015674" "6043880" "6084667" "6140054" "6144448" "6174670" "6337435" "6340589" "6369893" "6373568" "6403970" "6498440").PN. OR ("6825927").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:24 |
| S13 7 | 19 | ("3992631" "4498780" "5217876" "5252834" "5371016" "5473437").PN. OR ("6144448").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:24 |
| S13 8 | 80 | ("3074853" "3449488" "3449571" "3473027" "3666421" "3770383" "3806256" "3826619" "3831137" "3916205" "3918812" "3941876").PN. OR ("3992631").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:27 |
| S14 2 | 11 | (fluoresc\$6) and (specimen or sample) and (control\$4and (shutter and tranfer)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:28 |
| S14 5 | 1 | (CCD and (specimen or sample) and (controller and (shutter and tranfer))) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:30 |
| S14 6 | 13893 | (CCD and (specimen or sample) and (controller)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:31 |
| S14 7 | 277 | S146 and fluorometer | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:42 |
| S14 8 | 194 | S147 and laser | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:31 |
| S14 9 | 6 | S148 and (charge with storage) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:31 |

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|---|-----|---|------------------------------|----|--------|------------------|
| S15 0 | 179 | ("2719214" "3013467" "3423581" "3516736" "3849654" "3885162" "3932023" "4011451" "4067653" "4074939" "4076420" "4100416" "4144452" "4150870" "4203670" "4240751" "4296326" "4397560" "4451149" "4451433" "4485430" "4501970" "4567847" "4591550" "4626684" "4646214" "4685801" "4699512" "4704255" "4707067" "4730921" "4737464" "4738825" "4741619" "4753501" "4758786" "4762420" "4772453" "4784275" "4802768" "4808828" "4810096" "4826660" "4855930" "4868103" "4873633" "4877965" "4885087" "4892409" "4897548" "4923819" "4931402" "4936682" "4948442" "4963815" "4968148" "4979821" "5001725" "5009488" "5018866" "5020995" "5034613" "5039219" "5047215" "5058045" "5082628" "5084246" "5091652" "5095517" "5096807" "5164319" "5169601" "5192510" "5196709" "5198670" "5206568" "5208161" "5208651" "5216488" "5225164" "5257202" "5270788" "5273718" "5275951" "5281825" "5289407" "5307144" "5315015" "5317485" "5319436" "5323008" "5323010" "5340716" "5340747" "5341215" "5353112" "5355215" "5357095" "5361626" "5384093" "5401465" "5418371" "5420408" "5436718" "5445935" "5449921" "5457527" "5459300" "5480804" "5485530" "5487872" "5491343" "5500188" "5504337" "5517407" "5519257" | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:41 |
| 9/4/07 8:21:21 AM C:\Documents and Settings\stepp\z0s\My Documents\EAST\Workspaces\10529653\10529653.wsp | | | | | Page 3 | |

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|----------|-------|--|--|----|----|------------------|
| S15 1 | 13 | S146 and S150 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:43 |
| S15 4 | 2 | (CCD and (control\$4) and shutter and tranfer and signal and fluoresc\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:44 |
| S15 5 | 87 | (CCD and (control\$4 and consecutively) and shutter and transfer and signal and fluoresc\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:45 |
| S15 6 | 1800 | (CCD and (control\$4) and shutter and transfer and signal and fluoresc\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:46 |
| S15 7 | 100 | maruno.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:46 |
| S15 8 | 858 | iwase.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:46 |
| S15 9 | 27858 | sato.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:46 |
| S16 0 | 16 | S156 and (S157 or S158 or S159) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:50 |
| S16 1 | 4 | CCD and fluorescent and specimen and (excit\$4 adj pulse) and interval | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/17 11:50 |
| S16 2 | 33 | "4480190" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 12:48 |
| S16 3 | 1 | (fluoresc\$6) and (specimen or sample) and S162 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/20 12:52 |

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|----------|-----|--|--|----|----|------------------|
| S16 4 | 37 | ("4016863" "4187856" "4221567" "4233513" "4273636" "4301809" "4381011" "4423739" "4424276" "4480190" "4567748" "4576590" "4596931" "4643192" "4671287" "4677143" "4803992" "4854321" "4859858" "4859859" "4901727" "4907166" "4914720" "4949724" "4996990" "5020537" "5031623" "5042522" "5067492" "5095913" "5115811" "5158083" "5174290" "5176882" "5186172" "5193544").PN. OR ("6134462").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/20 12:51 |
| S16 5 | 219 | 250/484.2.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 12:52 |
| S16 6 | 31 | (fluoresc\$6) and (specimen or sample) and S165 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/20 12:52 |
| S16 7 | 3 | "59104519" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/31 10:12 |
| S16 8 | 2 | ("4471228").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/31 10:12 |
| S16 9 | 48 | ("3934161" "3944816" "4338514" "4340819").PN. OR ("4471228").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 10:14 |
| S17 0 | 12 | (CCD and (controller and (transfer adj signal) and (electronic adj signal) and storage and photoelectric\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:49 |

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|----------|----|--|--|----|----|------------------|
| S17 1 | 14 | (CCD and ((transfer adj signal) and (electronic adj signal) and storage and photoelectric\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:00 |
| S17 2 | 2 | (CCD and ((transfer adj signal) and (electronic adj (shutter and signal)) and storage and photoelectric\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 10:22 |
| S17 3 | 16 | ("4065788" "4388646" "4410787" "4419012" "4480919" "4567347" "5151608" "5173750" "5198877").PN. OR ("5739912").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 10:53 |
| S17 4 | 11 | "2323237" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/31 10:54 |
| S17 5 | 6 | "5821547" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/31 10:55 |
| S17 6 | 8 | ("5005085" "5081530" "5212667" "5514887" "5585652").PN. OR ("5821547").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 10:58 |
| S17 8 | 1 | (CCD and ((transfer adj signal) and (electronic adj signal) and storage and consecutiv\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:03 |
| S17 9 | 67 | (CCD and ((transfer adj signal) and (electronic adj signal) and storage and convert\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:04 |
| S18 0 | 1 | S179 and consecutiv\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:03 |
| S18 1 | 5 | (CCD and ((transfer adj signal) and (electronic adj (shutter adj signal)) and storage and convert\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:10 |
| S18 2 | 2 | (CCD and ((transfer adj signal) and (electronic adj (shutter adj signal)) and storage and convert\$4) and synchron\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:35 |

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| S18 3 | 1 | (CCD and (transfer adj signal) and (electronic adj (shutter adj signal)) and consecutiv\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:36 |
| S18 4 | 11 | (CCD and (transfer adj signal) and (electronic adj (shutter adj signal)) and (continu\$4 or successiv\$3 or uninterrupt\$4 or repeat or consecutiv\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:38 |
| S18 5 | 12 | (CCD and (transfer adj signal) and (electronic adj (shutter adj signal)) and (continu\$4 or successiv\$3 or sequential\$4 or uninterrupt\$4 or repeat or consecutiv\$4 or repeat or consecutiv\$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:43 |
| S18 6 | 8 | (CCD and (transfer adj signal) and (control\$4 same (electronic adj (shutter adj signal)) and (continu\$4 or sequential\$4 or repeat or consecutiv\$4))) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:47 |
| S18 7 | 100 | maruno.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:44 |
| S18 8 | 861 | iwase.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:45 |
| S18 9 | 27961 | sato.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:45 |
| S19 0 | 1 | ((transfer adj signal) and (control\$4 same (electronic adj (shutter adj signal)) and (continu\$4 or sequential\$4 or repeat or consecutiv\$4))) and (S187 or S188 or S189) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:48 |
| S19 1 | 1 | ((transfer adj signal) and (control\$4 and (electronic adj (shutter adj signal)))) and (S187 or S188 or S189) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:47 |
| S19 2 | 1 | ((transfer adj signal) and (electronic same (shutter adj signal))) and (S187 or S188 or S189) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:47 |
| S19 3 | 1 | (CCD and (transfer adj signal) and ((shutter adj signal)))and (S187 or S188 or S189) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:48 |
| S19 4 | 1 | (CCD and (transfer adj signal) and ((shutter adj signal))) and (S187 or S188 or S189) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 11:48 |

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|----------|-------|--|------------------------------|----|----|------------------|
| S19 7 | 6 | ("5065021").PN. OR ("5371377").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 12:02 |
| S20 3 | 35375 | (("J/m") or joule) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 12:15 |
| S20 4 | 1024 | S203 and "250".\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 12:15 |
| S20 7 | 1970 | (("J/m")) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 12:15 |
| S20 8 | 3 | S207 and "250".\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 12:16 |
| S21 0 | 48 | image and record\$4 and (storage adj panel) and (simulat\$4 and energy) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/08/31 12:21 |
| S21 3 | 32 | ((CCD) and (control\$4 and (shutter adj signal) and (transfer adj signal))) | USPAT; DERWENT | OR | ON | 2007/08/31 12:50 |
| S21 4 | 18 | ((CCD) and (control\$4 and (shutter adj signal) and (transfer adj signal) and (sequential\$4 or consecutiv\$4))) | USPAT; DERWENT | OR | ON | 2007/08/31 12:52 |
| S21 5 | 4 | ((control\$4 and (shutter adj signal) and (transfer adj signal) and (sequential\$4 or consecutiv\$4))) and "250".\$.ccls. | USPAT; DERWENT | OR | ON | 2007/08/31 12:53 |
| S21 6 | 9 | ((control\$4 and (shutter adj signal) and (transfer adj signal) and (sequential\$4 or consecutiv\$4))) and (charge with storage) | USPAT; DERWENT | OR | ON | 2007/09/04 08:17 |
| S22 0 | 5 | (shutter adj signal) and (transfer adj signal) and (charge with storage) and "250".\$.ccls. | USPAT; DERWENT | OR | ON | 2007/08/31 13:14 |
| S22 1 | 1174 | (pulse and (control\$4 and shutter and transfer) and fluoresc\$4) | USPAT; DERWENT | OR | ON | 2007/08/31 13:19 |
| S22 2 | 5 | S221 and 250/484\$.ccls. | USPAT; DERWENT | OR | ON | 2007/08/31 13:16 |
| S22 3 | 502 | S221 and signal and CCD | USPAT; DERWENT | OR | ON | 2007/08/31 13:16 |
| S22 4 | 201 | S221 and "250".\$.ccls. | USPAT; DERWENT | OR | ON | 2007/08/31 13:20 |
| S22 5 | 43 | S221 and "378".\$.ccls. | USPAT; DERWENT | OR | ON | 2007/08/31 13:20 |

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|----------|-----|---|-------------------|----|----|------------------|
| S22 6 | 213 | (pulse and (control\$4 and (shutter with signal) and (transfer with signal)) and fluoresc\$4) | USPAT; DERWENT | OR | ON | 2007/08/31 13:20 |
| S22 7 | 116 | S226 and (charge and stor\$4) | USPAT; DERWENT | OR | ON | 2007/08/31 13:20 |
| S22 8 | 26 | S227 and "250"\$.ccls. | USPAT; DERWENT | OR | ON | 2007/08/31 13:23 |
| S22 9 | 6 | S227 and "378"\$.ccls. | USPAT; DERWENT | OR | ON | 2007/08/31 13:20 |